

What is claimed is:

1. An electric compression device comprising:

a motor section driven by power output from an inverter;

a compressor section for compressing a refrigerant in a refrigeration cycle system, said compressor section being actuated by said motor section;

a control unit for regulating output power of said inverter to control drive of said motor section;

a housing for containing said motor section and said compressor section;

the inverter being attached to an outer surface of said housing;

temperature measurement means for measuring a temperature of said inverter, wherein

in a stop state of said refrigeration cycle system, said control unit drives said motor section, when the temperature of said inverter measured by said temperature measurement means exceeds a predetermined temperature.

2. The electric compression device according to claim 1, wherein

said housing is provided with a temperature sensor for measuring a temperature of said motor section or a temperature of said compressor section,

said control unit converts the temperature measured by said temperature sensor into the temperature of said inverter, so that said temperature sensor doubles as said temperature

measurement means.

3. The electric compression device according to claim 2, wherein said temperature sensor is any one of a motor protective temperature sensor for measuring a temperature of a heat generating portion of said motor section, and a discharge temperature sensor for measuring a discharge temperature of said refrigerant from said compressor section.